PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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	RANSMITTAL LETTER TO	THE DIVILED STATES	ATTORNEY'S DOCKET NUMBER 12810-00347-LLS1,					
	DESIGNATED/ELECTED		U AFFEC (1) CM No. (1) (10 n), see 37 CFR 1.5)					
	ATIONAL APPLICATION NO.	<u>-</u>	PRIORITY DATE CLAIMED					
TITLE	PCT/EP2005/002847	17 March 2005	19 March 2004					
	F INVENTION NG AND PURIFICATION OF GA	S STREAMS						
	ANT(S) FOR DO/EO/US rtin Löning et al.	. •						
• • • • • • • • • • • • • • • • • • • •		es Designated/Elected Office (DO/EO/	US) the following items and other information:					
1. x	This is a FIRST submission of items	s concerning a submission under 35 U.S	S.C. 371.					
2.	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.							
3. x	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.							
4.	The US has been elected (Article 31	1).						
5. x	A copy of the International Application	on as filed (35 U.S.C. 371 (c)(2))						
a.[is attached hereto (required onl	y if not communicated by the Internatio	nal Bureau).					
b.	x has been communicated by the	International Bureau.						
c.[is not required, as the application	on was filed in the United States Receiv	ring Office (RO/US).					
6. x	An English language translation of t	he International Application as filed (35	U.S.C. 371(c)(2)).					
a.[x is attached hereto.							
b.[has been previously submitted	under 35 U.S.C. 154(d)(4).						
7.	Amendments to the claims of the Int	ternational Application under PCT Artic	le 19 (35 U.S.C. 371(c)(3))					
a.[are attached hereto (required or	nly if not communicated by the Internat	ional Bureau).					
b.[have been communicated by th	e International Bureau.	·					
c.[have not been made; however, the time limit for making such amendments has NOT expired.							
d.[have not been made and will no	ot be made.						
8.	An English language translation of t	he amendments to the claims under PC	CT Article 19 (35 U.S.C. 371(c)(3)).					
9. x	An oath or declaration of the invento	or(s) (35 U.S.C. 371(c)(4)).						
10.	An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).	he annexes of the International Prelimin	nary Examination Report under PCT					
Item	s 11 to 20 below concern docum	ent(s) or information included:						
11. x	An Information Disclosure Statem	ent under 37 CFR 1.97 and 1.98.						
12.	An assignment document for record	ling. A separate cover sheet in complia	nce with 37 CFR 3.28 and 3.31 is included.					
13. x	A preliminary amendment.							
14. x	An Application Data Sheet under 3	7 CFR 1.76.						
15.	A substitute specification.		·					
16.	A power of attorney and/or change	of address letter.						
17.	A computer-readable form of the se	equence listing in accordance with PC	T Rule 13 <i>ter</i> .2 and 37 CFR 1.821 – 1.825.					
18.	A second copy of the published Into	ernational Application under 35 U.S.C	7. 154(d)(4).					
19.	A second copy of the English langu	age translation of the international ap	plication under 35 U.S.C. 154(d)(4).					
		•						
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IAP9 Rec'd PCTVPTO 19 SEP 2006

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			and required to respect to to						
U.S. ADIC/TE	30 B7 3 R 1.5)	INTERNATIONAL APPLI PCT/EP2		ATTORNEY'S DOCKET NUMBER 12810-00347-US1					
20. x Other	items or inform	mation: Return	Receipt Postcard	-					
·									
The foll	lowing fees ha	ave been submitte	ed			CALCULATIO)NS	PTO USEONLY	
21. x Basi	c national fee	(37 CFR 1.492(a))		\$300	\$ 300	0.00		
22. x Examination fee (37 CFR 1.492(c))									
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)							0.00		
All other situation		****		•••••	\$200			,	
1	ch fee (37 CF nion of the ISA/U	` ''	l preliminary examination	ren	ort prepared by				
IPEA/US	indicates all clair	ns satisfy provisions	of PCT Article 33(1)-(4) .e international application	•••••	\$0				
Internation	nal Searching A	uthority	than the US and provide	•••••	\$100	\$ 400	0.00		
previously	communicated	to the US by the IB		•••••	\$400				
All other situation	TOTAL OF 21,			******		\$ 900	0.00		
			ed in paper over 100 she						
electro	nic medium) (37	CFR 1.492(j)).	1.821(c) or (e) or compu						
The fe	e is \$250 for eac	th additional 50 sheet	ts of paper or fraction the	reof.					
Total Sheets	Extra Sheets	1	additional 50 or fraction up to a whole number)		RATE				
- 100 =	/50	=		x \$250.00					
_	_	any of the search fee of the national stage	e, examination fee, or the (37 CFR 1.492(h)).	oatl	n or declaration	\$		·	
CLAIMS	S N	UMBER FILED	NUMBER EXTRA		RATE				
Total clair	10 - 20 = 1 - 3 =	0	X	50.00 200.00).00 ·).00	·		
	 	M(S) (if applicable)	<u> </u>	X	200.00		7.00		
			TOTAL OF A	BO	/E CALCULATIONS =	\$ 900.00			
Applican	t claims small er	ntity status. See 37 C	CFR 1.27. Fees above ar	e re	duced by 1/2.				
					SUBTOTAL =	\$ 900.00			
Processing fee of claimed priority of		-	anslation later than 30 m	onth	s from the earliest	\$			
TOTAL NATIONAL FEE =						\$ 900.00			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +						\$			
						\$			
TOTAL FEES ENCLOSED =						\$ 900.00		900.00	
						Amount to be refunded:	\$		
			· _			Amount to be charged	\$		
			<u>.</u>						

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a. A check in the amount of \$ to cover the above fees is enclosed.							
b. X Please charge my Deposit Account No. 03-2775 in the amount of \$900.00 to cover the above fees. A duplicate copy of this sheet is enclosed.							
C. X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-2775 . A duplicate copy of this sheet is enclosed.							
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038							
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed an granted to restore the International Application to pending status.							
MNA							
SEND ALL CORRESPONDENCE TO: SIGNATURE SIGNATURE							
Donald K. Drummond, Ph.D. NAME							
CUSTOMER NUMBER: 23416							
52,834							
. REGISTRATION NUMBER							
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PTO/SB/17 (07-06)

Approved for use through 01/31/2007. OMB 0651-0032

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				Complete if Known						
Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).				Application Nu		Not Yet Assigned				
FEE TRANSMITTAL				Filing Date Concurrently						
-				First Named Inventor Jan-Martin Lo						
For FY 2005				Examiner Nam			Not Yet Assigned			
Applicant claims small entity status. See 37 CFR 1.27				L NI/A						
	NT OF PAYMENT	(\$) 900.00		Art Unit N/A Attorney Docket No. 12810-0034			JS1			
METHOD OF	PAYMENT (check	all that apply)								
METHOD OF PAYMENT (check all that apply) Check Credit Card Money Order None Other (please identify):										
X Deposit Acc	Count Deposit Account	Number: 03-2775	Deposit Acc	count Name:	Connoll	ly Bove Lodge	& Hutz L	LP		
For the	above-identified dep	osit account, the D	Director is	s hereby authoriz	zed to: (che	ck all that apply)				
[narge fee(s) indicate			<u> </u>	•	dicated below, ex		he filing fee		
x Cr fee	narge any additional e(s) under 37 CFR 1	fee(s) or underpay	yment of	x Cred	it any overp	ayments				
FEE CALCUL	ATION					•				
1. BASIC FILING	G, SEARCH, AND E	XAMINATION FE	ES				•			
	FI	LING FEES	SE	ARCH FEES		NATION FEES				
Application Ty	<u>/pe Fee (</u> \$	Small Entity Fee (\$)	Fee (\$	Small Entity) Fee (\$)	/ Fee (\$)	Small Entity Fee (\$)	Fees	Paid (\$)		
Utility	300		500	250	200	100				
Design	200	100	100	50	130	65	,			
Plant	200	100	300	150	160	80				
Reissue	300	150	500	250	600	300				
Provisional	200	100	0	0	0	0				
2. EXCESS CLA	AIM FEES							Small Entity		
Fee Description							Fee (\$)	Fee (\$)		
Each claim over	20 (including Reiss	sues)			•		50	25		
_	nt claim over 3 (incl	uding Reissues)					200	100		
Multiple depend	lent claims						360	180		
<u>Total Claims</u>	Extra Claims	Fee (\$)	Fee	Paid (\$)	<u>M</u>	ultiple Depende	nt Claims	<u> </u>		
	- 20 = ber of total claims paid fo	x =			<u>Fe</u>	<u>ee (\$)</u> <u>F</u>	Fee Paid (<u>\$)</u>		
Indep. Claims	Extra Claims	Fee (\$)	Fee I	Paid (\$)	 -					
	-3=	× = _								
HP = highest numl	ber of independent claims	s paid for, if greater tha	an 3.							
3. APPLICATIO If the specifica		xceed 100 sheets	of paper	(excluding elec	tronically fi	led sequence or	computer			
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).										
Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)										
12 - 100 = /50 (round up to a whole number) x = 4. OTHER FEE(S) Fees Paid (\$)										
	•	0 fee (no small en	ntity disc	ount)			1 663	raid (a)		
Non-English Specification, \$130 fee (no small entity discount) Other (e.g., late filing surcharge): 1631 Basic National Stage fee 300.00										
1642 National Stage Search Fee - search report 400.00 1633 National Stage Examination Fee - all other 200.00										
SUBMITTED BY Registration No. 52 924 Telephone (202) 224 7444										
Signature	4 H			(Attomey/Agent)	52,834	Telephone	(202) 33	1-/777		
Name (Print/Type)	Donald K. Drumn	nond, Ph.D.				Date S	eptember	r 19, 2006		